

indicesarray.java - Code::Blocks 17.12

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```
1 import java.util.Scanner;
2 class indicesarray {
3     public static void main(String args[])
4     {
5         int n;
6         Scanner s = new Scanner(System.in);
7         System.out.print("Enter the number of elements in array:");
8         n = s.nextInt();
9         int[] arr = new int[n];
10        System.out.println("Enter the elements of the array:");
11        for(int i = 0; i < n; i++)
12        {
13            arr[i] = s.nextInt();
14        }
15
16        int even = 0, odd = 0;
17        for (int i = 0; i < arr.length; i++) {
18            if (i % 2 == 0)
19                even += arr[i];
20            else
21                odd += arr[i];
22        }
23
24        System.out.println("Even index positions sum: " + even);
25        System.out.println("Odd index positions sum: " + odd);
26    }
27 }
```

Logs & others

Code::Blocks Search results Cc++ Build log Build messages CppCheck/Ver++ CppCheck/Ver++ messages Cscope Debugger DoxyBlocks Fortran info Closed files list Thre

File Line Text

C:\Users\Aditi\Desktop\indicesarray.java

Java

Windows (CR+LF)

WINDOWS-1252

Line 1, Col 1, Pos 0

Insert

Read/Write

default

Type here to search



14:17 13-10-2020

```
Command Prompt
Microsoft Windows [Version 10.0.18362.1082]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Aditi>cd

C:\Users\Aditi>cd C:\Users\Aditi\Desktop

C:\Users\Aditi\Desktop>javac indicesarray.java

C:\Users\Aditi\Desktop>java indicesarray
Enter the number of elements in array:6
Enter the elements of the array:
1
4
6
3
7
2
Even index positions sum: 14
Odd index positions sum: 9

C:\Users\Aditi\Desktop>
```

evenodd.java - Code::Blocks 17.12

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```
1  import java.util.Scanner;
2  public class main
3  {
4      public static void main(String[] args)
5      {
6          int n, j = 0, k = 0, sum, max, min;
7          Scanner s = new Scanner(System.in);
8          System.out.print("Enter no. of elements you want in array:");
9          n = s.nextInt();
10         int a[] = new int[n];
11         int b[] = new int[n];
12         int c[] = new int[n];
13         System.out.println("Enter all the elements:");
14         for(int i = 0; i < n; i++)
15         {
16             a[i] = s.nextInt();
17         }
18         for(int i = 0; i < n; i++)
19         {
20             if(a[i] % 2 != 0)
21             {
22                 b[j] = a[i];
23                 j++;
24             }
25             else
26             {
27                 c[k] = a[i];
28                 k++;
29             }
30         }
31         System.out.print("Odd:");
32         if(j > 1)
33         {
34             for(int i = 0; i < (j-1); i++)
35             {
36                 System.out.print(b[i] + ", ");
37             }
38             System.out.print(b[j-1]);
```

Logs & others

C:\Users\Aditi\Desktop\evenodd.java

Java

Windows (CR+LF)

WINDOWS-1252

Line 1, Col 1, Pos 0

Insert

Read/Write

default

Type here to search



16:55 13-10-2020

evenodd.java - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help



```
39 }
40 else
41 {
42     System.out.println("No number");
43 }
44 System.out.println("");
45 System.out.print("Even:");
46 if(k > 2)
47 {
48     for(int i = 0; i < (k-1); i++)
49     {
50         System.out.print(c[i]+",");
51     }
52     System.out.print(c[k-1]);
53 }
54 else
55 {
56     System.out.println("No number");
57 }
58
59 for (int i = 0; i < c.length; i++) {
60     sum += c[i];
61     if (min > c[i]) {
62         min = c[i];
63     }
64     if (max < c[i]) {
65         max = c[i];
66     }
67 }
68 System.out.printf("    sum: " + sum);
69 double average = (double) sum / c.length;
70 System.out.printf("    min: " + min);
71 System.out.printf("\n    max: " + max);
72 System.out.printf("\nAverage: %.1f", average);
73
74 }
75
```

Logs & others

C:\Users\Aditi\Desktop\evenodd.java

Java

Windows (CR+LF)

WINDOWS-1252

Line 1, Col 1, Pos 0

Insert

Read/Write

default

Type here to search



16:55 13-10-2020

extraprog2.java - Code::Blocks 17.12

File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help



```
1 import java.util.Scanner;
2
3 public class extraprog2
4 {
5     public static void main(String args[])
6     {
7         int contp=0, cntn=0, cntz=0, i;
8         int arr[] = new int[10];
9         Scanner scan = new Scanner(System.in);
10
11         System.out.print("Enter 10 Numbers : ");
12         for(i=0; i<10; i++){
13             arr[i] = scan.nextInt();
14         }
15         for(i=0; i<10; i++){
16             if(arr[i] < 0){
17                 cntn++;
18             }else if(arr[i] == 0){
19                 cntz++;
20             }else{
21                 contp++;
22             }
23         }
24
25         System.out.print(contp + " Positive Numbers");
26         System.out.print("\n" + cntn + " Negative Numbers");
27         System.out.print("\n" + cntz + " Zero");
28     }
29 }
30
```

Logs & others

Code::Blocks Search results Cocc Build log Build messages CppCheck/Ver++ CppCheck/Ver++ messages Cscope Debugger DoxyBlocks Fortran info Closed files list Thre

File Line Text

C:\Users\Aditi\Desktop\extraprog2.java

Java

Windows (CR+LF)

WINDOWS-1252

Line 1, Col 1, Pos 0

Insert

Read/Write

default

Type here to search



1421
13-10-2020

```
Command Prompt
C:\Users\Aditi\Desktop>java extraprog2
Enter 10 Numbers : 3
4
6
8
12
34
56
76
33
22
10 Positive Numbers
0 Negative Numbers
0 Zero
C:\Users\Aditi\Desktop>java extraprog2
Enter 10 Numbers : 2
-5
-9
0
5
7
9
-4
6
2
6 Positive Numbers
3 Negative Numbers
1 Zero
C:\Users\Aditi\Desktop>
```

C:\Users\Aditi\Desktop\Player.java - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

Bookmarks Bookmarks Player.java

```
1 import java.util.*;
2 class Player {
3     String id;
4     String name;
5     int scores[];
6     int no_matches_played;
7
8     void accept()
9     {
10         Scanner s=new Scanner(System.in);
11         System.out.println("Enter the Player details:");
12         System.out.println("ID:");
13         id=s.next();
14         System.out.println("Name:");
15         name=s.next();
16         System.out.println("Number of matches played:");
17         no_matches_played=s.nextInt();
18         scores=new int[no_matches_played];
19         for(int i=0;i<no_matches_played;i++)
20         {
21             System.out.println("Enter the score in match "+(i+1)+" :");
22             scores[i]=s.nextInt();
23         }
24     }
25
26     void display()
27     {
28         System.out.println("Player details with greater average score:");
29         System.out.println("ID: "+id);
30         System.out.println("Name: "+name);
31         System.out.println("Number of matches played: "+no_matches_played);
32         for(int i=0;i<no_matches_played;i++)
33         {
34             System.out.println("Score in match "+(i+1)+" : "+scores[i]);
35         }
36     }
37
38     double calculate() {
39         int sum=0;
40         for(int i=0;i<no_matches_played;i++)
41         {
42             sum=sum+scores[i];
43         }
44         return (double)sum/no_matches_played;
```

Java source file

length: 1,474 lines: 67

Ln: 67 Col: 2 Sel: 0 | 0

Windows (CR LF)

UTF-8

INS

Type here to search

1721
13-10-2020

C:\Users\Aditi\Desktop\Player.java - Notepad++

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

Bookmarks Bookmarks Player.java

```
24 }
25
26 void display()
27 {
28     System.out.println("Player details with greater average score:");
29     System.out.println("ID: "+id);
30     System.out.println("Name: "+name);
31     System.out.println("Number of matches played: "+no_matches_played);
32     for(int i=0;i<no_matches_played;i++)
33     {
34         System.out.println("Score in match "+(i+1)+" : "+scores[i]);
35     }
36 }
37
38 double calculate() {
39     int sum=0;
40     for(int i=0;i<no_matches_played;i++)
41     {
42         sum=sum+scores[i];
43     }
44     return (double)sum/no_matches_played;
45 }
46
47
48
49 }
50
51 class Plymain {
52     public static void main(String ss[]) {
53         Player p1=new Player();
54         p1.accept();
55         Player p2=new Player();
56         p2.accept();
57         if(p1.calculate()>p2.calculate())
58         {
59             p1.display();
60             System.out.println("Average score: "+p1.calculate());
61         }
62         else
63         {
64             p2.display();
65             System.out.println("Average score: "+p2.calculate());
66         }
67     }
68 }
```

Java source file

length:1,474 lines:67

Ln: 67 Col: 2 Sel: 0 | 0

Windows (CR LF)

UTF-8

INS

Type here to search

1721
13-10-2020


```
Select Command Prompt
Number of matches played:
4
Enter the score in match 1:
3
Enter the score in match 2:
44
Enter the score in match 3:
23
Enter the score in match 4:
33
Enter the Player details:
ID:
tre
Name:
treee
Number of matches played:
2
Enter the score in match 1:
33
Enter the score in match 2:
66
Player details with greater average score:
ID: tre
Name: treee
Number of matches played: 2
Score in match 1:33
Score in match 2:66
Average score: 49.5
C:\Users\Aditi\Desktop>
```

```
Microsoft Windows [Version 10.0.18362.1082]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\Aditi>cd C:\Users\Aditi\Desktop

C:\Users\Aditi\Desktop>javac Book.java

C:\Users\Aditi\Desktop>java bookmain
ENTER ID OF BOOK
23
ENTER THE TITLE OF BOOK
red
ENTER NUMBER OF PAGES OF BOOK
78
ENTER YEAR OF PUBLISHING OF THE BOOK
2019
ENTER AUTHOR OF BOOK
tre
ENTER PUBLISHER OF BOOK
uyt
ENTER PRICE OF BOOK
99
ENTER ID OF BOOK
45
ENTER THE TITLE OF BOOK
gfd
ENTER NUMBER OF PAGES OF BOOK
99
ENTER YEAR OF PUBLISHING OF THE BOOK
2011
ENTER AUTHOR OF BOOK
jhu
ENTER PUBLISHER OF BOOK
iuy
ENTER PRICE OF BOOK
87
ENTER ID OF BOOK
55
ENTER THE TITLE OF BOOK
uri
ENTER NUMBER OF PAGES OF BOOK
120
ENTER YEAR OF PUBLISHING OF THE BOOK
2012
ENTER AUTHOR OF BOOK
bre
ENTER PUBLISHER OF BOOK
bru
ENTER PRICE OF BOOK
220
```

```
Command Prompt
ENTER AUTHOR OF BOOK
jhu
ENTER PUBLISHER OF BOOK
iuy
ENTER PRICE OF BOOK
87
ENTER ID OF BOOK
55
ENTER THE TITLE OF BOOK
uri
ENTER NUMBER OF PAGES OF BOOK
120
ENTER YEAR OF PUBLISHING OF THE BOOK
2012
ENTER AUTHOR OF BOOK
bre
ENTER PUBLISHER OF BOOK
brv
ENTER PRICE OF BOOK
220
ENTER THE DETAILS OF THE BOOK1
ID OF BOOK: 23 THE TITLE OF BOOK: red
NUMBER OF PAGES OF BOOK: 78 YEAR OF PUBLISHING OF THE BOOK: 2019
AUTHOR OF BOOK: tre PUBLISHER OF BOOK: uyt
PRICE OF BOOK: 99.0
ENTER THE DETAILS OF THE BOOK2
ID OF BOOK: 45 THE TITLE OF BOOK: gfd
NUMBER OF PAGES OF BOOK: 99 YEAR OF PUBLISHING OF THE BOOK: 2011
AUTHOR OF BOOK: jhu PUBLISHER OF BOOK: iuy
PRICE OF BOOK: 87.0
ENTER THE DETAILS OF THE BOOK3
ID OF BOOK: 55 THE TITLE OF BOOK: uri
NUMBER OF PAGES OF BOOK: 120 YEAR OF PUBLISHING OF THE BOOK: 2012
AUTHOR OF BOOK: bre PUBLISHER OF BOOK: brv
PRICE OF BOOK: 220.0
THE MOST EXPENSIVE BOOK IS WITH TITLE: uri
THE NUMBER OF BOOKS PUBLISHED IN THE YEAR 2020 = 0
THE BOOK WITH LEAST NUMBER OF PAGES IS BOOK 1
ID OF BOOK: 23 THE TITLE OF BOOK: red
NUMBER OF PAGES OF BOOK: 78 YEAR OF PUBLISHING OF THE BOOK: 2019
AUTHOR OF BOOK: tre PUBLISHER OF BOOK: uyt
PRICE OF BOOK: 99.0
ENTER THE AUTHOR NAME WHOSE BOOK DETAILS NEED TO BE DISPLAYED
bre
ID OF BOOK: 23 THE TITLE OF BOOK: red
NUMBER OF PAGES OF BOOK: 78 YEAR OF PUBLISHING OF THE BOOK: 2019
AUTHOR OF BOOK: tre PUBLISHER OF BOOK: uyt
PRICE OF BOOK: 99.0
C:\Users\Aditi\Desktop>java bookmain
```

```
1  import java.util.Scanner;
2  class Book
3  {
4      private int id;
5      private String title;
6      private int np;
7      private int yr;
8      private String auth;
9      private String pub;
10     private double p;
11     void getdetails()
12     {
13         Scanner s=new Scanner(System.in);
14         System.out.println("ENTER ID OF BOOK");
15         id=s.nextInt();
16         System.out.println("ENTER THE TITLE OF BOOK");
17         title=s.next();
18         System.out.println("ENTER NUMBER OF PAGES OF BOOK");
19         np=s.nextInt();
20         System.out.println("ENTER YEAR OF PUBLISHING OF THE BOOK");
21         yr=s.nextInt();
22         System.out.println("ENTER AUTHOR OF BOOK");
23         auth=s.next();
24         System.out.println("ENTER PUBLISHER OF BOOK");
25         pub=s.next();
26         System.out.println("ENTER PRICE OF BOOK");
27         p=s.nextDouble();
28     }
29     void printdetails()
30     {
31         System.out.print(" ID OF BOOK: "+id);
32         System.out.println(" THE TITLE OF BOOK: "+title);
33         System.out.print(" NUMBER OF PAGES OF BOOK: "+np);
34         System.out.println(" YEAR OF PUBLISHING OF THE BOOK: "+yr);
35         System.out.print(" AUTHOR OF BOOK: "+auth);
36         System.out.println(" PUBLISHER OF BOOK: "+pub);
37         System.out.println(" PRICE OF BOOK: "+p);
38     }
39 }
```

```
90      b3.displaybooktitle();
91      }
92      if(b1.year()==2020)
93          c++;
94      if(b2.year()==2020)
95          c++;
96      if(b3.year()==2020)
97          c++;
98      System.out.println("THE NUMBER OF BOOKS PUBLISHED IN THE YEAR 2020 = "+c);
99      if(b1.pages()<b2.price() && b1.price()<b3.price())
100      {
101          System.out.println("THE BOOK WITH LEAST NUMBER OF PAGES IS BOOK 1 ");
102          b1.printdetails();
103      }
104      else if(b2.pages()<b1.price() && b2.price()<b3.price())
105      {
106          System.out.println("THE BOOK WITH LEAST NUMBER OF PAGES IS BOOK 2 ");
107          b2.printdetails();
108      }
109      else
110      {
111          System.out.println("THE BOOK WITH LEAST NUMBER OF PAGES IS BOOK 3 ");
112          b3.printdetails();
113      }
114      System.out.println("ENTER THE AUTHOR NAME WHOSE BOOK DETAILS NEED TO BE DISPLAYED");
115      Scanner s1=new Scanner(System.in);
116      String auth1=s1.next();
117      if(auth1.compareToIgnoreCase(b1.author())==0)
118          b1.printdetails();
119      else if(auth1.compareToIgnoreCase(b2.author())==0)
120          b1.printdetails();
121      else if(auth1.compareToIgnoreCase(b3.author())==0)
122          b1.printdetails();
123      else
124          System.out.println("THE GIVEN AUTHOR'S BOOK IS NOT FOUND");
125      }
126      }
```

```
import java.util.Scanner;
public class posneg
{
    public static void main(String args[])
    {
        int cntp=0, cntn=0, cntz=0, i;
        int arr[] = new int[10];
        Scanner scan = new Scanner(System.in);
        System.out.print("Enter 10 Numbers");
        for (i=0; i<10; i++)
        {
            arr[i] = scan.nextInt();
        }
        for (i=0; i<10; i++)
        {
            if (arr[i] < 0)
            {
                cntn++;
            }
            else if (arr[i] == 0)
            {
                cntz++;
            }
            else
            {
                cntp++;
            }
        }
        System.out.print(cntp + "Positive");
        System.out.print("\n" + cntz + "Zero");
        System.out.print("\n" + cntn + "Negative");
    }
}
```



```
import java.util.Scanner;
class indiar {
```

```
    public static void main (String args[])
    {
        int n;
```

```
        Scanner s = new Scanner (System.in);
        System.out.print("Elements ");
```

```
        n = s.nextInt();
```

```
        int [] arr = new int [n];
```

```
        System.out.println("Enter Elements");
```

```
        for (int i = 0; i < n; i++)
```

```
        {
            arr[i] = s.nextInt();
```

```
        }
```

```
        int even = 0, odd = 0;
```

```
        for (int i = 0; i < arr.length; i++)
```

```
        {
            if (arr[i] % 2 == 0)
```

```
                even += arr[i];
```

```
            else
```

```
                odd += arr[i];
```

```
        }
```

```
        System.out.println("Even sum" + even);
```

```
        System.out.println("Odd sum" + odd);
```

```
    }
}
```